

AMENDMENTS TO THE DRAWINGS

The attached sheet of drawings includes changes to Fig. 1. This sheet, which includes Fig. 1, replaces the original sheet including Fig. 1.

Attachment: Replacement Sheet

REMARKS

Status of the Claims

Claims 1-11 are pending in this application.

Claims 1-11 are rejected.

Claim 11 has been amended. Support for these amendments can be found throughout the specification, claims, and drawings, as originally filed.

Drawing Objections

The drawings were objected to because the electronic circuit board is improperly numbered "18" in Figure 1. Applicant hereby submits a corrected drawing sheet with the electronic circuit board properly labeled "13." Applicant believes that this objection has been overcome, and that no new matter has been added.

Rejection of Claim 11 Under 35 U.S.C. § 112

Claim 11 stands rejected under 35 U.S.C. § 112, because the claim recites the limitation of "the mirror glass." The Applicant respectfully traverses the 35 U.S.C. § 112 rejection of claim 11. The Office Action indicated that there is insufficient antecedent basis for this limitation in the claim. Applicant has amended claim 11 to recite, "a mirror glass," in order to provide adequate antecedent basis for the claim. Withdrawal of this rejection is respectfully requested.

Rejection of Claims 1-11 Under 35 U.S.C. § 102(e)

Claims 1-11 stand rejected under 35 U.S.C. §102(e) as being clearly anticipated by U.S. Publication No. 2004/0032675 to Weller (hereafter "Weller '675").

The Applicant respectfully traverses the 35 U.S.C. § 102(e) rejection of claims 1-11. The law is clear that anticipation requires that a single prior art reference disclose each and every limitation of the claim sought to be rejected. The law is also clear that a claim in dependent form shall be construed to incorporate all the limitations of the claim to which it refers.

Claim 1 includes the elements of a mirror housing in which is accommodated at least one electronic circuit board for at least one sensor, as well as the elements of wherein the sensor is seated on a sensor circuit board. These elements are not disclosed in Weller '675 because Weller '675 does not disclose an electronic circuit board **and** a sensor circuit board **in a mirror housing**. Weller '675 discloses a low cost interior rearview mirror system which includes a compass system having a display which indicates the general direction in which the vehicle is traveling. ¶ [0010]. Figure 7 of Weller '675 discloses a printed circuit board 128 disclosed in a mirror casing 115, and another printed circuit board 130 which is positioned within a housing 110a of module 110. *See Figure 7 of Weller '675, and ¶ [0089], [0092].* The circuit boards of Weller '675 are in two separate housings.

Weller '675 also discloses other embodiments which are similar to the embodiment set forth in Figure 7. In Figures 8, 9, 10, 11, and 12 of Weller '675, a printed circuit board 230, 330, 330', 330", and 430 is mounted to a housing (indicated at 210, 310, 310', 310", and 410, respectively) which is separate from the mirror casing.

Additionally, in the embodiments shown in Figures 8, 9, 10, 11, and 12, there is no printed circuit board mounted in the mirror casing of Weller '675.

Since there is only one printed circuit board 128 mounted in the mirror casing 115 as shown in Figure 7 of Weller '675, and a printed circuit board 130 mounted to a separate module 110, there cannot be a mirror housing which has an electronic circuit board and a sensor circuit board as set forth in claim 1. Also, because there is no printed circuit board in the housing shown in Figures 8, 9, 10, 11, and 12 of Weller '675, there cannot be a mirror housing in which is accommodated at least one electronic circuit board or a sensor being seated on a second sensor circuit board, as set forth in claim 1.

Also disclosed in Weller '675 is a separate embodiment shown in Figures 13-15. However, the embodiment of Weller '675 shown in Figures 13-15 also does not disclose the elements of claim 1. The embodiments shown in Figures 13-15 of Weller '675 show a printed circuit board 530 which is mounted to an accessory module 510. The accessory module 510 is a separate component from the mirror casing 515. Therefore, the embodiments of Weller '675 shown in Figures 13-15 does not disclose a mirror housing in which is accommodated at least one electronic circuit board, or wherein the sensor is seated on a sensor circuit board as set forth in claim 1 of the present invention.

In view of the foregoing, the Applicant respectfully submits that claim 1 defines over the art cited by the Examiner and respectfully requests withdrawal of the rejection. Likewise, claims 2-11, which depend either directly or indirectly from claim 1, further define the invention and define over the art cited by the Examiner. Thus, Applicant respectfully requests withdrawal of the rejection.

Furthermore, the Applicant submits that Weller '675 does not teach or render obvious claims 1-11 of the present invention. Establishing a *prima facie* case of obviousness requires the proposed combination of references teach or render obvious all the elements of the rejected claims. Claim 1 includes the elements of a mirror housing in which is accommodated at least one electronic circuit board, and wherein the sensor is seated on a sensor circuit board. It would not have been obvious to include the elements of a printed circuit board as well as a sensor circuit board in the mirror casing as shown in Weller '675. Weller '675 teaches away from this because it teaches placing the boards in separate housings. Therefore, Applicant submits that the present invention is not rendered obvious by Weller '675.

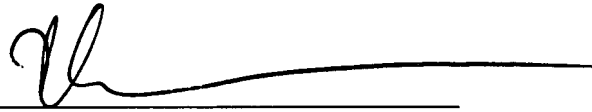
CONCLUSION

It is respectfully submitted that in view of the above amendments and remarks the claims 1-11, as amended, are patentably distinguishable because the cited patents, whether taken alone or in combination, do not teach, suggest or render obvious, the present invention. Therefore, Applicant submits that the pending claims are properly allowable, which allowance is respectfully requested.

The Examiner is invited to telephone the Applicant's undersigned attorney at
(248) 364-4300 if any unresolved matters remain.

Respectfully submitted,

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